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Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 2nd November 1963

Special Notice

Attention of the public is invited to the Ministry of Industry S.O. 2752 dated 18th September 1963 whereby the Central Government have amended the late Ministry of Commerce & Industry Notification S.R.O. 681 dated 23rd March 1955 and appointed the Director, Central Mechanical Engineering Research Institute, Mahatma Gandhi Avenue, Durgapur-9, as one of the authorities for the purposes of Section 72 of the Indian Patents and Designs Act, 1911 (Act II of 1911).

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

14th October 1963

- 90265 R. S. Pillai. Frying gram, peanuts and the like. [Addition to No. 67546].
90266. A. V. Chakravarthi. A grinding stone.
90267. Gujarat Plating and Polishing Industries. Invention relating to copper spraying on stainless steel.
90268. Gujarat Plating and Polishing Industries. Invention relating to aluminium spraying on stainless steel.
90269. Gujarat Plating and Polishing Industries. Invention relating to electroforming or electroplating of copper on stainless steel.
90270. Gujarat Plating and Polishing Industries. Invention relating to electroplating or electroforming of aluminium on stainless steel.
90271. Westinghouse Electric Corporation. Improvements in or relating to X-ray apparatus.
90272. Westinghouse Electric Corporation. Improvements in or relating to lighting arrester.
90273. Sam Roch & Co. Flame proof bulkhead fitting.
90274. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to air cushion borne vehicles. (15th October 1962).
90275. Siemens & Hirsch mbH. Improvements in or relating to regenerative pumps.
90276. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing sulfamylanthranilic acids.
90277. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Fungicides.

90278. The University of Southampton and The British Petroleum Company Limited. Improvements in apparatus for measuring electrical current. (1st November 1962).
90279. The University of Southampton and The British Petroleum Company Limited. Improvements in and relating to magnetic transducers. (1st November 1962).
90280. J. Aubert and Societe Generale De Traction Et D'Exploitations. Improvements in navigational installations.
90281. Union Carbide Corporation. Thermoplastic bag.
90282. Sylvania Electric Products Inc. Electric discharge device.
90283. K. K. K. Kroyer. A process of making a crystallizable glass material.
90284. Sandoz Ltd. Disazo dyes, their production and application.
90285. The International Meehanite Metal Company Limited. Improvements relating to the manufacture of cast iron.
90286. Kalle Aktiengesellschaft. Process for the construction of banks of earth.
90287. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Polymeric cross-linkable compositions and process for obtaining them.
90288. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Emulsions of cross-linkable copolymers and process for the preparation thereof.
90289. The North American Coal Corporation. Process and apparatus for the treatment of solids at high temperatures.
90290. Inpower Works (Proprietary) Limited. Inertia fluid torque transmitter.
90291. Imperial Chemical Industries Limited. New copolymers and articles. (18th October 1962).
90292. Calumet & Hecla, Inc. Fine pitch finned tubing.
90293. Aktiebolaget Kamyr. Arrangement for equalization and reduction of the pressure upon a stuffing box for a pump.
90294. AMP Incorporated. Bi-partite insulating housing for electrical connectors.
90295. Klockner-Humboldt-Deutz Aktiengesellschaft. Device for supervising a dust separator which is subjected to excess or reduced pressure. (18th September 1963).

90296. The English Electric Company Limited. Improvements relating to electric vehicles. (25th October 1962).
90297. D. A. Jordon and L. J. Hartnett. Improved decorative panel. (17th October 1962).
90298. British Nylon Spinners Limited. Improvements in or relating to polymerisation apparatus. (26th October 1962).
90299. American Cyanamid Company. Heterocyclic organophosphorus compounds and preparation thereof.
90300. Lloyd Metal Manufacturing Company Limited. Anodizing apparatus.
90301. Clevite Harris Products, Inc. Lubricated rubber bearing.
90302. J. M. Voith GMBH. Method of and apparatus for making large-surfaced fibrous mats, in particular paper, cardboard and the like, from fibrous stocks suspensions.
90303. K. Kido and S. Himeno. Centrifugal filter.
90304. Asahi Kasei Kogyo Kabushiki Kaisha. Method of and apparatus for doffing yarns in the centrifugal pot spinning process.
- 15th October 1963
90305. Celanese Corporation of America. Trioxane polymerization process.
90306. K. Kamal. Paints.
90307. Dorr-Oliver Incorporated. Starch manufacturing process.
90308. John Ackworthie Limited. Workholder arrangement for machine tools. (18th October 1962).
90309. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of pneumatic tyres.
90310. Dunlop Rubber Company Limited. Improvements in and relating to bonding.
90311. Esso Research and Engineering Company. Preparation of acrylonitrile.
90312. AMP Incorporated. Improvements in electrical connectors, electrical connections and methods of making electrical connections.
90313. AMP Incorporated. Improvements in or relating to crimping tools for coaxial electrical connectors.
90314. The Cement Marketing Company Limited. Inorganic polymer structures. (19th October 1962).
90315. Imperial Chemical Industries Limited. New disperse dyestuffs.
90316. Merz and McLellan Services Limited. Electric switchgear.
90317. Union Carbide Corporation. Molding of articles with finished edges.
90318. Koehler Manufacturing Company. Improvements in or relating to electrical storage batteries.
90319. Dr. Beck & Co. G.m.b.H. Synthetic resin systems.
90320. F. Stubbe. Method and apparatus for the production of hollow bodies of any required form made from thermoplastic plastics.
90321. Eszaky Magyarországi Vegyiművek. Method of producing explosives containing ammonium nitrate.
90322. Ciba Limited. New monoazo pigments and process for their manufacture.
90323. Toyo Sen-I Kabushiki Kaisha. Method and apparatus for manufacturing bast fibre silver.
90324. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Process for the production of iron sponge and for the recovery of titanium and aluminium from the red muds of bauxite.
90325. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble disazo-dyestuffs and process for preparing them.
90326. American Radiator & Standard Sanitary Corporation. Refrigerant cooled electric motor.
90327. Gosudarstvenny Nauchno-Issledovatel'skiy Institut Organicheskikh Poluproduktov I Krasitelei. A method of preparing disperse dyes for man-made fibres.
90328. I. K. Puri. Vigilance control for diesel and electric locomotive and automobile trucks.
90329. Crown Zellerbach Corporation. High strength paper and process of producing the same.
90330. Crown Zellerbach Corporation. High strength papermaking pulp and process of producing the same.
90331. Mrs. Karopady Sunithi. Improvements in or relating to grinding stones and the like.
90332. Kalyan Kumar Nag. Improvements in or relating to adjustable spanners and the like.
90333. Indian Plywood Manufacturing Company Limited. Improved artificial boards, panels, scantlings etc., from teak woods and wastes and process for manufacture of the same.
- 16th October 1963
90334. E. Y. Ranade. Improvements in a device for heating liquids.
90335. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (17th October 1962).
90336. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass.
90337. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to annular magnet cores and methods of producing the same.
90338. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to annular magnet cores and methods of manufacturing the same.
90339. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to time-base circuit arrangements. (28th December 1962).
90340. N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia. N-substituted-1-phenyl-2-aminopropanes. (19th October 1962).
90341. Sir James Farmer Norton & Co. Limited. Improvements in or relating to wire drawing machine. (18th October 1962).
90342. Schulz & Rackow Gasgeratebau G.m.b.H. Valve equipment for gas pressure cylinders.
90343. Aktiebolaget Jonkoping-Vulcan. Method in the peeling and disintegrating of veneer, and apparatus for performing the method. (24th October 1962).
90344. Kimberly-Clark Corporation. Tobacco product which produces less tars. (30th July 1963).
90345. Solvay & Cie. Improved process for the polymerisation of olefins.
90346. Whiting Corporation. Coupling means for railway traction vehicles.
90347. The Bendix Corporation. Improvements in or relating to a brake mechanism for power brake systems.
90348. Durkoppwerke Aktiengesellschaft. Roller bearings placed in a single row for mounting in pairs.
90349. Imperial Chemical Industries Limited. Modified polyolefines. (26th October 1962). [Addition to No. 80889].
90350. Phillips Petroleum Company. Process of polymerizing 1, 3-butadiene to cis-1, 4 polybutadiene.
90351. Ethicon, Inc. Method and apparatus.
90352. Ethicon, Inc. Article and the manufacture thereof.
90353. Johnson & Johnson. Linings.

90354. Clevite Corporation. Boring machine for semi-cylindrical bearings.
90355. Metallgesellschaft A. G. Process for reduction of iron ores preferably for production of pig-iron.
90356. Alpha Research Corp. Improvements in or relating to ventilating spaces and method and apparatus for edge finishing of the same.
90357. Dyckerhoff & Widmann Kommanditgesellschaft. Rodshaped reinforcement for reinforced concrete.

18th October 1963

90358. Subhas Chandra Bose. Chain pulley block.
90359. Subhas Chandra Bose. Chain pulley block.
90360. K. S. Mehta. Improved process for liming of sugar juices.
90361. P. K. Padmanabhan. Improvements in or relating to winches and clutches therefor.
90362. Sabita Das. Hydro-aero pressure pump for raising water and other liquids.
90363. K. W. R. Warriar. An improved process for the manufacture of sand lime bricks, tiles, constructional members and fittings.
90364. Westinghouse Electric Corporation. Improvements in or relating to high voltage potential transformer.
90365. Standard Telephones and Cables Limited. Improvements in or relating to semiconductor devices (19th October 1962). [Addition to No. 88157].
90366. Associated Electrical Industries Limited. Improvements in interstage diaphragms for turbines and axial-flow compressors (19th October 1962).
90367. Moulton Consultants Limited. Improvements in suspension systems for the front wheel of a two-wheeled cycle vehicle (19th October 1962).
90368. The Gas Council. Improvements in or relating to the cleaning of coal and to processes employing cleaned coal (19th October 1962).
90369. Standard Telephones and Cables Limited. Radio navigation system (29th November 1962).
90370. Reynolds Metals Company. Bulk container with tapping adaptor.
90371. Deering Milliken Research Corporation. Textile handling apparatus.
90372. Allied Chemical Corporation. Process for the polymerisation of lactams [Addition to No. 84686].
90373. Warner-Lambert Pharmaceutical Company. Acylphenylacylamido-1, 3-propanediols and preparation thereof.
90374. Eastman Kodak Company. Color developers containing competing developing agents.
90375. K. B. E. Hansen. Nail driving device (23rd October 1962).
90376. Westinghouse Brake and Signal Company Limited. Driver's brake valves (5th November 1962).
90377. Shell Internationale Research Maatschappij N. V. A process for separating droplets of one liquid from a second liquid which is immiscible with the first.
90378. Babcock & Wilcox Limited. Improvements relating to a method of welding (2nd November 1962).

Alteration of date

89780. Ante-dated to 16th January 1962 under Section 5 of the Act.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79989. P. A. Pottier. Antioxidant and its method of manufacture. Accepted on 27th June 1963.
- Mixing at least one ester of a fatty acid with an hydroxy acid or an ester of an hydroxyacid, and strongly agitating this mixture for a period of approximately 30 to 80 minutes at a temperature comprised between 90°C and approximately 120°C.*
80222. Cosden Oil & Chemical Company. Method of producing polymer beads. Accepted on 14th October 1963.
- By polymerising an aqueous suspension of a polymerizable monomer having particles of calcium, barium or magnesium phosphate and suspending agents, wherein the reaction is controlled to a descending pH curve.*
80250. Shell Internationale Research Maatschappij N. V. A method of drilling a well in permeable formations. Accepted on 14th October 1963.
- Comprising the steps of introducing the drilling fluid into the pores of the formation and clogging said pores around the hole by increase in viscosity or by precipitation of the drilling fluid.*
80273. Westland Aircraft Limited. A composite vehicle of the ground effect type (17th January 1961). Accepted on 14th October 1963.
- Comprising units coupled to or forming a platform, each of said units having an air or gas discharge system, said vehicle including air-intakes and power plants.*
80316. Yawata Iron & Steel Co. Ltd. Method of beneficiating iron ores containing nickel, chromium, cobalt and/or aluminium. Accepted on 14th October 1963.
- Beneficiating iron ores containing Ni, Co, Cr and Al comprising of three treating steps fusibly separating chromite by gravity method, secondly separating chr and Al from iron ores from which chromite is already separated, and thirdly nickel, cobalt and Al are removed by adding small amount of sulphate of an alkali and roasting at 550°C to 650°C in atmosphere of SO₂.*
80365. Kunststoffwerk Gebrüder Anger, G.m.b.H. Improvements in or relating to a process and apparatus for the production of strings of extrusion bodies. Accepted on 18th October 1963.
- In which during extrusion, the ratio of extrusion speed of the string to the speed of transport device is increased at intervals to obtain different cross-section of the string.*
80411. India Industrial Works Private Ltd. An oil stove. Accepted on 16th October 1963.
- Comprising an oil tank, a series of wicks arranged along a circle and adjustably mounted on the cover of tank, an inner combustion perforated cylinder and outer combustion perforated cylinder surrounding the same both spaced from each other, the wicks projecting in the space between the cylinders, the outer cylinder having an inwardly projecting flange at its upper edge.*
81610. Monsanto Chemical Company. Apparatus for crimping strands filaments or yarns. Accepted on 16th October 1963.
- Comprising a frame, a first crimping gear, a yoke, a second crimping gear, means for adjusting the position of the yoke and means for driving said gears.*

81747. J. R. Geigy A.-G. 3-phenyl-7-pyrazolyl coumarins and processes for the production thereof and their application for optical brightening of synthetic polyester and polyamide and cellulose acetate fibres. Accepted on 14th October 1963.
- A 3-phenyl-7-hydrazino coumarin which can be further substituted or a salt thereof with an aliphatic α , γ -dicarbonyl compound or mono- or diacetal of such a dicarbonyl compound.*
81760. Imperial Chemical Industries Limited. Process for preparing organophosphorus compounds having pesticidal activity and pesticidal compositions containing the same (26th April 1961). Accepted on 14th October 1963.
- Reacting O : O-diethylphosphorodithioic acid with β -angelica lactone.*
81768. Didier-Werke A. G. Metal-covered basic fire-proof brick. Accepted on 14th October 1963.
- Characterised in that the metal casing forms a unit with the brick by means of metal clamps placed in grooves in the brick surface, which clamps enclose the surface opposite to the casing and the brick surfaces adjacent to this surface and the sides of the clamps are connected to the casing.*
81771. N. Singh. Oscillating arrangements for air circulating units. Accepted on 14th October 1963.
- Comprises of a vane blade pivotally mounted in front of air circulating unit with means to arrest the vane-blade.*
81787. Esso Research and Engineering Company. Apparatus and process for fractionating a gaseous mixture. Accepted on 16th October 1963.
- Absorbing one component selectively of mixture passing confined absorption zone at 50-1000 psi pressure, reducing pressure, after stopping inflow at entrance, to withdraw desorbed stream thereof.*
81792. A. F. S. Pollock. Apparatus for teaching or studying mathematics (31st August 1961). Accepted on 16th October 1963.
- Comprising a set of differently coloured cuboid and rod like elements of right angles cross-section having a cube element representing a basic unit, rod or bar elements increasing in length in simple series.*
81802. The English Electric Company Limited. Electric motor control system (25th April 1961). Accepted on 18th October 1963.
- Includes a machine element arranged to be moved to a work position and is subject to an overriding control signal which represents the position of a predetermined point on the travelling workpiece relative to the work-position.*
81803. United States Steel Corporation. Method and composition for shielding steel from molten coating metal. Accepted on 18th October 1963.
- Applying to the surface of the steel a water slurry containing from 12 to 28% by weight of an oxide selected from the group consisting of calcium oxide and magnesium oxide, and from 3 to 20% alkali metal borate by weight and drying the resulting film before immersing the steel in bath.*
81806. Babcock & Wilcox Limited. Improvements in or relating to tubes. Accepted on 18th October 1963.
- In which the wall thickness varies, being greater in the two sections of which the outer boundaries are provided by the pairs of convex portions of the periphery that have the greater curvature.*
81807. Babcock & Wilcox Limited. Improvements in or relating to externally grooved or finned tubes. Accepted on 18th October 1963.
- The method of varying the configuration of which consists of passing the tube between a pair of rolls having circumferential groove on their periphery so as to produce a creep in the tube.*
81813. Farbenfabriken Bayer Aktiengesellschaft. Finishing of leather (5th March 1962). Accepted on 16th October 1963.
- Comprises dressing the leather with a dispersion or solution of a copolymer prepared from olefinically unsaturated compounds.*
81819. W. F. DePenning. Improvements relating to composite structural members. Accepted on 16th October 1963.
- Having metal bonding members each welded at one end by electric arc stud welding to the beam and each having at the other end a shoulder facing the surface of the beam.*
81900. Imperial Chemical Industries Limited. Process for the preparation of new substituted phenols. (26th April 1961). Accepted on 18th October 1963.
- Comprises interacting a mercaptobenzthiazole of which benzene nucleus may carry alkyl, alkylamino or chlorogroups as substituents, an aldehyde or ketone, a phenol which may carry as substituents one or more alkyl groups having from 1 to 9 carbon atoms or substituted alkyl, cycloalkyl or aralkyl groups and a catalyst.*
81983. J. R. Geigy A.-G. Process for the production of monoazo dyestuffs which are difficultly soluble in water and their use for the dyeing of polyester textile material. Accepted on 18th October 1963.
- Comprises coupling a diazonium compound of the homocyclic or heterocyclic series with a compound coupling in O-position to the primary or to a secondary amino group.*
81991. Esso Research and Engineering Company. Process for carrying out conversion reactions or organic compounds with a base-solvent or alkali metal-solvent catalyst system and catalyst therefor. Accepted on 14th October 1963.
- The solvent is an aprotic liquid free of OH groups and having a dipolar radical and a dielectric constant above 15 at 25°C, or the alkali metal-solvent system is further characterised in that the dipolar radical and atoms adjacent to the radical are hydrogen-free forming a carbanion intermediate.*
82018. J. H. Fenner & Co. Limited. Improvements in or relating to fire-resistant organic materials (2nd May 1961). Accepted on 14th October 1963.
- Comprising a polymer having self-extinguishing properties and barium or calcium sulphates to reduce the afterglow.*
82019. International Business Machines Corporation. Improved typewriter. Accepted on 15th October 1963.
- A plurality of elements individually movable between operative positions and inoperative positions in predetermined combinations representative of characters to be printed; means for actuating the elements in operative positions to move the printing head.*
82071. Canadian Ingersoll-Rand Company, Limited. Log debarking device. Accepted on 18th October 1963.
- Comprises a rotatable cylindrical drum having a section formed to hold water including an imperforate peripheral wall, another section including a perforate wall for escape of water and bark, and longitudinal staves.*

82161. The Automa Cooker Co. Gripping device particularly for kitchen use. Accepted on 16th October 1963.

At least one of the gripping members has a pivotally mounted gripping element so that when the vessel is gripped by the tongs said element adjusts itself to the shape of the vessel to establish a grip on the same.

82309. M. S. Brahmabhatt. A device for use in internal combustion engines for cooling and humidifying the combustion air. Accepted on 16th October 1963.

Comprises a container provided with a cover having inlet and outlet ends, a capillary tube secured to the cover with its top end disposed in between the inlet and outlet ends.

82319. Brent Industries Proprietary Limited. Improvements relating to fluid pressure reduction valves. (26th May 1961). Accepted on 15th October 1963.

Sealed hollow piston supported within a casing and means to resiliently stress the piston tending it to axially move in one direction, pressure fluid chamber within the casing at the delivery end of the piston and valve means in between the piston and pressure fluid chamber.

82371. Shell Internationale Research Maatschappij N. V. A process for the production of aliphatic or cyclo-aliphatic carbonylic compounds. Accepted on 15th October 1963.

Comprises contacting an alcohol with a solid dehydrogenation catalyst in the first reaction zone to effect partial conversion and passing the gas through a second zone containing the solid catalyst and recovering the carbonylic compound.

82456. Birfield Engineering Limited. Improvements in or relating to mounting means. (4th July 1961). Accepted on 16th October 1963.

Comprises a split outer bearing race mounted in a bearing house with resilient means urging the movable split portions to their normal portion to define an outer ball track for bearing balls within the race and mounted in a cage.

82467. Shell Internationale Research Maatschappij N. V. Composition for stimulating plant growth. (30th May 1961). Accepted on 16th October 1963.

Comprises a plant hormone constituent in admixture with a naphthenic acid.

82480. R. P. Heuer and A. E. Fitzgerald. Improvements relating to refractory compositions and method of applying the same. (18th April 1962). Accepted on 15th October 1963.

Comprising a mixture of basic refractory consisting of chrome ore or calcined magnesia or a combination thereof containing in excess of 5% calcined magnesia with 1 to 10% anhydrous sodium silicate having mol ratio of $\text{Na}_2\text{O} : \text{SiO}_2$ of one.

82689. Herman Pneumatic Machine Company. Method and apparatus for forming a mold. Accepted on 18th October 1963.

One or several flasks with finely divided mold forming material therein, means for forcing a former through the moldforming material and means for introducing a compacting mandrel into the opening thus formed and means for relatively moving the compacting mandrel and the flask.

82863. Ciba Limited. New dyestuffs, process for their manufacture, and dyeing or printing textile materials therewith. Accepted on 16th October 1963.

Introducing at least one 2-halogen-thiazole radical by known methods.

82919. Lipaco S. A. Process for improving the properties of cellulose textiles. [Addition to No. 70336]. Accepted on 14th October 1963.

By impregnating the cellulose with water, formaldehyde, a catalyst which is zinc sulphate or a salt of group II metal and a polymeric film-forming stiffening material capable of reacting with formaldehyde.

83074. Director, Indian Institute of Science, Bangalore. A new impulse peak voltmeter for the measurement of peak amplitudes of impulse as well as power frequency voltages. Accepted on 14th October 1963.

Impulse peak voltmeter in which a condenser is charged through a grid controlled gas filled tube and the voltage across the condenser is applied to the plate of inverted tube.

83120. Shell Internationale Research Maatschappij N. V. Process for the hydroformylation of olefinic compounds and aldehydes and/or alcohols prepared thereby. Accepted on 18th October 1963.

Comprises contacting organic compounds having olefinic linkage with carbon monoxide and hydrogen in the presence of a catalyst consisting essentially of a complex of chromium molybdenum or tungsten and substituted or unsubstituted pyridine.

83390. Johns-Manville Corporation. High cross velocity fiberization system. Accepted on 18th October 1963.

Comprising causing a laminar flow of fluid to move transversely of the path of ejection of the formed fiber and unfiberised particles ejected from the rotor.

83558. The Gas Council. Improvements in and relating to the treatment of gasses. (9th August 1961). Accepted on 16th October 1963.

Causing liquid to circulate from an upper vessel having an outlet for the gas through a downcomer conduit to a closed lower vessel and thence through a riser conduit to the upper vessel.

84022. Associated Electrical Industries Limited. Improvements relating to power transmission systems for turbine power plants. Accepted on 15th October 1963.

Main and auxiliary power units each being connected through reduction gearing to a common slow speed gear wheel mounted in rigid driving connection with an output drive shaft and a number of clutching arrangements.

84176. Spinnbau G.m.b.H. Thread breaking device for ring spinning and ring twisting machines. Accepted on 16th October 1963.

Providing in a thread braking device for ring spinning and twisting machines, a rotatable spindle adapted to receive and rotate a bobbin sleeve, a shank inserted into the upper end portion of said spindle for rotation therewith.

84953. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (27th November 1961). Accepted on 16th October 1963.

A tyre building drum having a pair of end members, a flexible inflatable cylindrical diaphragm attached at its ends to the end members, one end to each end member, a plurality of collapsible intermediate drum segments located between the end members.

85239. Societe Generale "Isothermos". Improvements in or relating to axle-boxes for roller bearings. Accepted on 16th October 1963.

Axle-box body consisting of a pair of shells juxtaposed in a radial plane and assembled by a pair of annular covers engaged symmetrically by taper fitting between their outer contours and opposite ends of said shells.

89780. Carrier Corporation. Turbo-compressor for use in refrigeration systems. [Divisional date 16th January 1962]. Accepted on 15th October 1963.

Having a turbine section and a compressor section and spaced seal means between said sections and passage means leading from a region between the spaced seal means and the passage means.

Opposition Proceedings

(1)

An opposition has been entered by Ing. A. Maurer S.A. to the grant of a patent on application No. 77545 made by W. R. Schmitz.

(2)

An opposition has been entered by Juggilal Kamlatpat Cotton Spinning & Weaving Mills Co. Ltd., to the grant of a patent on application No. 77545 made by W. R. Schmitz.

(3)

An opposition has been entered by the Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., to the grant of a patent on application No. 77545 made by W. R. Schmitz.

(4)

An opposition has been entered by The National Rayon Corporation Ltd., to the grant of a patent on application No. 77545 made by W. R. Schmitz.

(5)

An opposition has been entered by Travancore Rayons Limited to the grant of a patent on application No. 77545 made by W. R. Schmitz.

Patents Sealed

73465. 76635. 77432. 77570. 78253. 78613. 79004. 79015. 79184. 79346. 79811.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

49172 } The Kerala Financial Corporation.
49172 }
61384—Madhukar Sadashiv Wadke.
72272 } Forgings & Presswork Limited.
74825 }
73056—Birla Education Trust.
74198—National Research Development Corporation of India.

Renewal Fees Paid

40627. 40804. 42129. 42139. 42185. 42361. 44031.
44040. 44041. 44072. 44181. 44543. 45921. 46170.
46275. 46305. 48256. 48449. 48472. 48516. 48662.
49038. 49789. 50108. 50478. 50525. 50534. 50818.
50957. 50997. 50998. 51131. 51369. 52516. 53020.
53050. 53153. 53162. 53233. 53242. 53243. 53273.
53360. 53361. 53562. 53566. 53658. 53673. 53776.
53777. 54019. 55606. 55660. 55726. 55807. 55823.
55826. 55827. 55842. 55853. 55939. 55965. 55979.
55981. 55982. 56082. 56083. 56109. 56183. 56188.
56261. 56410. 58631. 58741. 58755. 58790. 58878.
58940. 58941. 58955. 58961. 58962. 59019. 59043.
59135. 59173. 59174. 59175. 59176. 59177. 59178.
59191. 59215. 59255. 59327. 59429. 59477. 61195.
61949. 62083. 62219. 62233. 62234. 62289. 62317.
62380. 62427. 62507. 62630. 62640. 62719. 62730.
62742. 62908. 62983. 63167. 64684. 65567. 65621.
65662. 65677. 65678. 65727. 65747. 65757. 65770.
65850. 65916. 65946. 65947. 65995. 66031. 66153.
66155. 66200. 66219. 66276. 66378. 66406. 66463.
66797. 69360. 69431. 69452. 69624. 69640. 69641.
69663. 69680. 69692. 69693. 69726. 69729. 69730.
69747. 69817. 69861. 69905. 69932. 69980. 70002.
70008. 70031. 70122. 70127. 70263. 70284. 70285.
70340. 70376. 70406. 70421. 70434. 70435. 70448.
70533. 70586. 70623. 70704. 72938. 72948. 73858.
74008. 74083. 74140. 74153. 74305. 74335. 74507.
74508. 74591. 74670.

Cessation of Patents

39943. 42741. 43431. 43433. 43790. 43791. 45464.
47654. 49866. 49881. 52292. 52304. 52325. 52329.
53275. 54900. 57805. 57827. 57846. 57847. 61035.
61036. 61037. 61038. 61039. 61046. 61055. 61600.

64562. 64564. 64572. 64594. 64616. 64617. 64620.
68236. 68248. 68249. 68250. 68251. 68252. 68256.
68263. 68278. 68283. 68284. 68285. 68286. 68287.
68288. 68296. 68297. 68311. 68315. 68320. 68327.
68340. 68346.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents & Designs Act, 1911, for the restoration of the following patent :—
No. 50986—*The Sagami Gomu Kogyo Co. Ltd.*

The patent ceased on the 5th January 1963 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at The Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th December 1963.

(2)

Notice is hereby given that an order was made on the 1st October 1963, restoring the original patent numbered 50181 and dated as of the 2nd September 1953, along with the patents of addition to the said patent, numbered 61029 and 61030 and both dated as of the 8th July 1957, granted to Ramapati Ghosh for, "Group or gang operated universal tilting insulator switch", "Group or gang operated universal tilting insulator switch", and "Group or gang operated tilting insulator switch" respectively.

(3)

Notice is hereby given that an order has been made on the 30th September 1963, restoring the patent No. 60304, dated as of the 25th April 1957, granted to Sbridhar Ramchandra Sathe for 'An improved fibre carding & drafting machine'.

(4)

Notice is hereby given that an Order has been made on the 30th September 1963, restoring the patent No. 61888, dated as of the 28th September 1957, granted to Shridhar Ramchandra Sathe for "improved hand spinning wheel, i.e. Charkha".

(5)

Notice is hereby given that an order was made on the 10th October 1963, restoring the patent No. 67410, dated as of the 24th April 1958, granted to Societa Farmaceutici Italia for preparation of 6 alpha-methyl-17 alpha-hydroxyprogesterone and esters thereof.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 119103, 119104, 119106 to 119118, 119120, 119121, 119123 to 119146 and 119148 to 119177. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", August 24, 1963.

Class 13. Nos. 119185 to 119211. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (M.P.) Gwalior, "Textile goods", August 26, 1963.

Class 13. Nos. 119313 to 119315, 119317, 119319, 119322, 119324 to 119328 and 119331. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", August 29, 1963.

Class 13. Nos. 119567 to 119580. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods", September 16, 1963.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks